

Title (en)  
VEHICLE FUEL SYSTEM

Title (de)  
FAHRZEUGBRENNSTOFFSYSTEM

Title (fr)  
SYSTÈME DE CARBURANT DE VÉHICULE

Publication  
**EP 3103667 A1 20161214 (EN)**

Application  
**EP 15465521 A 20150612**

Priority  
EP 15465521 A 20150612

Abstract (en)  
The present invention relates to a fuel storage and analysis system for a vehicle, to a vehicle, to a method for fueling a vehicle, to a computer program element, and to a computer readable medium. In order to improve vehicle engine's safety, a fuel storage and analysis system (10) is provided. The fuel storage and analysis system (10) comprises a fuel tank (12) and a verification container (14). The verification container (14) is configured to receive an amount of fuel provided by a fuel pump nozzle (16) when a refueling process has been initiated and before the fuel tank (12) receives any fuel. The fuel within the verification container (14) is analyzed for determining whether the fuel is suitable for use in the vehicle.

IPC 8 full level  
**B60K 15/04** (2006.01); **B60K 15/03** (2006.01)

CPC (source: EP)  
**B60K 15/04** (2013.01); **B60K 2015/0319** (2013.01); **B60K 2015/03361** (2013.01)

Citation (search report)

- [XYI] DE 102010034654 A1 20120223 - MANN & HUMMEL GMBH [DE]
- [XYI] WO 2010004352 A1 20100114 - PARISSINOS PANAGIOTIS [GR]
- [XYI] WO 2007042051 A1 20070419 - NANONORD AS [DK], et al
- [X] GB 2419585 A 20060503 - VINCENT RICHARD [GB]
- [Y] FR 2898083 A1 20070907 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [X] FR 2640921 A1 19900629 - SHELL INT RESEARCH [NL]
- [A] DE 20319413 U1 20050324 - MERLAKU KASTRIOT [DE]

Cited by  
FR3105427A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3103667 A1 20161214**

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